

Mark Gibaud

Principal Platform Engineer | AWS Serverless | AI Platforms

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PROFILE

Hands-on principal platform engineer and engineering manager with 20+ years across cloud, serverless, mobile, API and product engineering. Leads secure AWS platforms as products, combining architecture and implementation with team leadership, operational maturity and developer experience. Recent work includes multi-account AWS foundations in CDK and TypeScript, Azure-to-AWS serverless migrations, incident-management improvement, enterprise security controls, and a custom Amazon Bedrock AI gateway supporting an agentic SDLC rollout across 100 developers.

CORE EXPERTISE

AWS platform engineering	AWS CDK and TypeScript	Serverless architecture
Multi-account governance	Azure-to-AWS migrations	Cloud networking
Incident management	Security and observability	Amazon Bedrock and AI platforms
FinOps and cost optimisation	Engineering management	Vendor and stakeholder leadership

CURRENT EXPERIENCE

Principal Platform Engineer / Engineering Manager (Contract) | Theodo UK

Jun 2025 - Present | London Area | Remote

Platform technical lead and engineering manager for a major client, developing a modern multi-account AWS platform provisioned exclusively through AWS CDK and operated as a product for internal engineering teams.

- Lead a blended team of five permanent engineers and consultants, setting technical direction, delivery priorities and ownership while remaining hands-on in architecture and implementation.
- Shape the AWS platform across multi-account governance, reusable CDK and TypeScript patterns, shared networking, security, observability, cost awareness and developer enablement.
- Lead multiple Azure-to-AWS migrations, replatforming workloads onto serverless infrastructure and coordinating dependencies, platform readiness, security, observability, cutover and operational handover.
- Up-levelled incident management through clearer ownership, coordination, communication, review and follow-through, using operational learning to drive platform improvements.
- Designed and wrote a custom AI gateway into Amazon Bedrock and its supporting dashboard; helped lead rollout of an agentic software-development lifecycle across 100 developers.
- Lead security implementation across AWS, SonarQube, Datadog and GitHub, integrating cloud controls, code quality, delivery workflows and operational telemetry.
- Coordinate platform strategy, roadmap, architecture decisions, vendors and senior stakeholders, balancing guardrails with a practical developer experience.

EARLIER EXPERIENCE

Freelance Web, App and AWS Developer / Fractional CTO | Appified Ltd

Feb 2016 - Present | London Area

- Deliver React Native products and AWS serverless backends using TypeScript, Node.js, API Gateway, AppSync, Lambda, DynamoDB, SQS and EventBridge; advise clients on product architecture and engineering delivery.

Tech Lead - Core Services / Technology Consultant | Novata

Feb 2023 - Mar 2025 | London | Hybrid

- Progressed from technology consultant to technical lead, contributing architecture and hands-on delivery across core services, including role-based access control, using TypeScript, Node.js, PostgreSQL, AWS, Kubernetes, Terraform and Datadog.

CTO / Fractional CTO | vTail

Aug 2020 - Jan 2025 | Greater London | Remote

- Owned all technology for a venture-backed healthcare communications startup that raised more than \$5 million, scaling the technology organisation to eight people.
- Led delivery of a feature-rich React Native app and fully serverless, event-driven AWS platform; oversaw the wind-down in late 2024 after the required market did not develop.

React Native Developer (Contract) | NatWest Group / Bo

Aug 2018 - Oct 2020 | London

- Contributed to mobile engineering for a new digital bank within a regulated financial-services environment.

Lead Developer - Mobile and API Platforms | JustGiving

Jan 2013 - Feb 2018 | London

- Progressed from product developer to lead developer, establishing the mobile-platform capability from discovery through team formation and launch; led iOS, Android and API delivery using Xamarin, CI and automated UI testing.

ADDITIONAL CAREER

React Native App Developer (Contract), HomeMade Digital - Apr 2018 to Jun 2018 | Team Lead, E-Commerce / .NET Developer, The Travel Corporation - Mar 2006 to Jan 2013

CERTIFICATIONS

7x AWS Certified - Security - Specialty; Solutions Architect - Professional; DevOps Engineer - Professional; Solutions Architect - Associate; Developer - Associate; SysOps Administrator - Associate; Cloud Practitioner.

Additional: UXCam Mobile Product Management; MongoDB Certified Developer - Associate; Xamarin Certified Mobile Developer (historical).

EDUCATION

MSc Management, Birkbeck, University of London	2010 - 2011 2:1
BSc Information Technology, Nelson Mandela University	2000 - 2003